

Union Calendar No. 65

111TH CONGRESS
1ST SESSION

H. R. 1709

[Report No. 111–130, Part I]

To establish a committee under the National Science and Technology Council with the responsibility to coordinate science, technology, engineering, and mathematics education activities and programs of all Federal agencies, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

MARCH 25, 2009

Mr. GORDON of Tennessee (for himself, Mr. HALL of Texas, Mr. LIPINSKI, and Mr. EHLERS) introduced the following bill; which was referred to the Committee on Science and Technology, and in addition to the Committee on Education and Labor, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

JUNE 2, 2009

Additional sponsors: Mr. HONDA, Ms. EDDIE BERNICE JOHNSON of Texas, Mr. HOLT, Mrs. BIGGERT, Mr. COSTELLO, Mr. LUJÁN, Mr. TONKO, Ms. FUDGE, Mr. SMITH of Nebraska, Mr. SMITH of Texas, Mr. MILLER of North Carolina, and Mr. MCINTYRE

JUNE 2, 2009

Reported from the Committee on Science and Technology with an amendment

[Strike out all after the enacting clause and insert the part printed in *italic*]

JUNE 2, 2009

Committee on Education and Labor discharged; committed to the Committee of the Whole House on the State of the Union and ordered to be printed

A BILL

To establish a committee under the National Science and Technology Council with the responsibility to coordinate science, technology, engineering, and mathematics education activities and programs of all Federal agencies, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
 2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “STEM Education Co-
 5 ordination Act of 2009”.

6 **SEC. 2. DEFINITION.**

7 In this Act, the term “STEM” means science, tech-
 8 nology, engineering, and mathematics.

9 **SEC. 3. COORDINATION OF FEDERAL STEM EDUCATION.**

10 (a) **ESTABLISHMENT.**—The Director of the Office of
 11 Science and Technology Policy shall establish a committee
 12 under the National Science and Technology Council with
 13 the responsibility to coordinate Federal programs and ac-
 14 tivities in support of STEM education, including at the
 15 National Science Foundation, the Department of Energy,
 16 the National Aeronautics and Space Administration, the
 17 National Oceanic and Atmospheric Administration, the
 18 Department of Education, and all other Federal agencies
 19 that have programs and activities in support of STEM
 20 education.

1 (b) RESPONSIBILITIES.—The committee established
2 under subsection (a) shall—

3 (1) coordinate the STEM education activities
4 and programs of the Federal agencies;

5 (2) develop, implement through the partici-
6 pating agencies, and update once every 5 years a 5-
7 year STEM education strategic plan, which shall—

8 (A) specify and prioritize annual and long-
9 term objectives;

10 (B) specify the metrics which will be used
11 to assess progress toward achieving the objec-
12 tives;

13 (C) describe the approaches that will be
14 taken by each participating agency to assess the
15 effectiveness of its STEM education programs
16 and activities; and

17 (D) with respect to subparagraph (A), de-
18 scribe the role of each agency in supporting
19 programs and activities designed to achieve the
20 objectives; and

21 (3) establish, periodically update, and maintain
22 an inventory of federally sponsored STEM education
23 programs and activities, including documentation of
24 assessments of the effectiveness of such programs
25 and activities.

1 (c) **REPORT.**—The Director of the Office of Science
 2 and Technology Policy shall transmit a report annually to
 3 Congress at the time of the President’s budget request de-
 4 scribing the plan required under subsection (b)(2). The
 5 annual report shall include—

6 (1) a description of the STEM education pro-
 7 grams and activities for the previous and current fis-
 8 cal years, and the proposed programs and activities
 9 under the President’s budget request, of each par-
 10 ticipating Federal agency;

11 (2) the levels of funding for each participating
 12 Federal agency for the programs and activities de-
 13 scribed under paragraph (1) for the previous fiscal
 14 year and under the President’s budget request; and

15 (3) except for the initial annual report, a de-
 16 scription of the progress made in carrying out the
 17 implementation plan and any changes made to that
 18 plan since the previous annual report.

19 **SECTION 1. SHORT TITLE.**

20 *This Act may be cited as the “STEM Education Co-*
 21 *ordination Act of 2009”.*

22 **SEC. 2. DEFINITION.**

23 *In this Act, the term “STEM” means science, tech-*
 24 *nology, engineering, and mathematics.*

1 **SEC. 3. COORDINATION OF FEDERAL STEM EDUCATION.**

2 (a) *ESTABLISHMENT.*—*The Director of the Office of*
3 *Science and Technology Policy shall establish a committee*
4 *under the National Science and Technology Council with*
5 *the responsibility to coordinate Federal programs and ac-*
6 *tivities in support of STEM education, including at the Na-*
7 *tional Science Foundation, the Department of Energy, the*
8 *National Aeronautics and Space Administration, the Na-*
9 *tional Oceanic and Atmospheric Administration, the De-*
10 *partment of Education, and all other Federal agencies that*
11 *have programs and activities in support of STEM edu-*
12 *cation.*

13 (b) *RESPONSIBILITIES.*—*The committee established*
14 *under subsection (a) shall—*

15 (1) *coordinate the STEM education activities*
16 *and programs of the Federal agencies;*

17 (2) *develop, implement through the participating*
18 *agencies, and update once every 5 years a 5-year*
19 *STEM education strategic plan, which shall—*

20 (A) *specify and prioritize annual and long-*
21 *term objectives;*

22 (B) *specify the common metrics that will be*
23 *used to assess progress toward achieving the ob-*
24 *jectives;*

25 (C) *describe the approaches that will be*
26 *taken by each participating agency to assess the*

1 effectiveness of its STEM education programs
2 and activities; and

3 (D) with respect to subparagraph (A), de-
4 scribe the role of each agency in supporting pro-
5 grams and activities designed to achieve the ob-
6 jectives; and

7 (3) establish, periodically update, and maintain
8 an inventory of federally sponsored STEM education
9 programs and activities, including documentation of
10 assessments of the effectiveness of such programs and
11 activities and rates of participation by underrep-
12 resented minorities in such programs and activities.

13 (c) *RESPONSIBILITIES OF OSTP.*—The Director of the
14 Office of Science and Technology Policy shall encourage and
15 monitor the efforts of the participating agencies to ensure
16 that the strategic plan under subsection (b)(2) is developed
17 and executed effectively and that the objectives of the stra-
18 tegic plan are met.

19 (d) *REPORT.*—The Director of the Office of Science
20 and Technology Policy shall transmit a report annually to
21 Congress at the time of the President’s budget request de-
22 scribing the plan required under subsection (b)(2). The an-
23 nual report shall include—

24 (1) a description of the STEM education pro-
25 grams and activities for the previous and current fis-

1 *cal years, and the proposed programs and activities*
2 *under the President's budget request, of each partici-*
3 *pating Federal agency;*

4 *(2) the levels of funding for each participating*
5 *Federal agency for the programs and activities de-*
6 *scribed under paragraph (1) for the previous fiscal*
7 *year and under the President's budget request;*

8 *(3) except for the initial annual report, a de-*
9 *scription of the progress made in carrying out the im-*
10 *plementation plan, including a description of the out-*
11 *come of any program assessments completed in the*
12 *previous year, and any changes made to that plan*
13 *since the previous annual report; and*

14 *(4) a description of how the participating Fed-*
15 *eral agencies will disseminate information about fed-*
16 *erally supported resources for STEM education prac-*
17 *titioners, including teacher professional development*
18 *programs, to States and to STEM education practi-*
19 *tioners, including to teachers and administrators in*
20 *schools that meet the criteria described in subsection*
21 *(c)(1) (A) and (B) of section 3175 of the Department*
22 *of Energy Science Education Enhancement Act (42*
23 *U.S.C. 7381j(c)(1) (A) and (B)).*

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